

# Surfs Up 2 Flight Overview

- Introduction
- Flight Profile
- Flight Preparation
- The Chase
- Recovery
- Flight Review

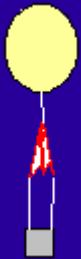


# Introduction

- Surfing Satellites
  - Near Space Exploration
- Surfs Up 2 Mission
  - 16 Aug 2008
  - Evaluate All Systems



# Flight Profile



# Flight Preparation

- Flight Systems Development and Testing
- Packaging
- Flight Path Prediction/Launch Site Selection
- Flight Day



# The Chase

- How to Track a Payload
- Demo with BT
- Where We Drove



# Recovery

- Permission to Recover
- Make Observations and Pictures
- Power Down



# Flight Review

- Highlights
  - Maximum Altitude: 88,343 ft
  - Distance and Bearing: 28 mi/184°
- Successes
  - Flight Computer/Power Supply
  - Still Camera
  - Tracking (Predicted vs Actual)



# Flight Systems Opportunities

- Tracking Antenna
- On-Board Data Recording
- Video Camera
- Flight Computer Operations Transparency
- Balloon Cut Away





# Next Steps

- Surfs Up 3
- Winter Projects
- Your Questions/Comments/Suggestions

